

ABSTRACT

Method and arrangement (1) for generating an atmospheric pressure glow plasma APG (7), where in a plurality of electrodes, (4, 5) are arranged defining a discharge space (10) for forming said plasma (7). The electrodes (4,5) are connected to a power supply (8) providing an AC -voltage having a frequency of at least 50kHz to the electrodes (4,5). A gaseous substance (6) is provided in said discharge space and comprises t least one of a group of argon, nitrogen and air.

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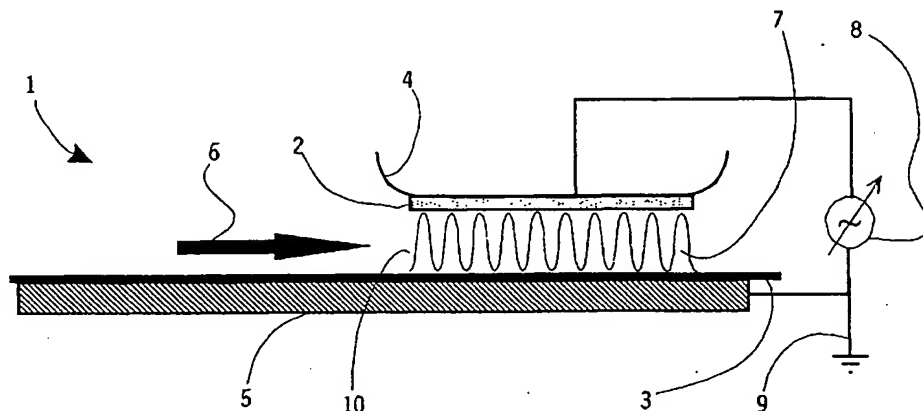
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(57) **Abstract:** Method and arrangement (1) for generating an atmospheric pressure glow plasma APG (7), wherein a plurality of electrodes (4, 5) are arranged defining a discharge space (10) for forming said plasma (7). The electrodes (4, 5) are connected to a power supply (8) providing an AC-voltage having a frequency of at least 50 kHz to the electrodes (4, 5). A gaseous substance (6) is provided in said discharge space and comprises at least one of a group of argon, nitrogen and air.